

## Narrative Summary – July 2015

July 2015 was much warmer than normal, averaging 81.4°F, 4.3° above normal (77.1°F). That makes July 2015 the fifth warmest July on record. The warmest (1985) averaged 82.2°F. The coolest (1993) averaged 70.5°F. There were 25 days in July with maximum temperatures  $\geq 90^\circ\text{F}$  compared to a July normal of 20. There have been 49 days this year with maximum temperatures  $\geq 90^\circ\text{F}$  compared to a normal (through July) of 31 days. There were 14 days in July with maximum temperatures  $\geq 100^\circ\text{F}$  compared to a July normal of seven. There have been 22 days this year with maximum temperatures  $\geq 100^\circ\text{F}$  compared to a normal (through July) of eight. There was a record streak of 15 consecutive days (June 26 – July 10) in which the maximum temperature was  $\geq 100^\circ\text{F}$ . There was also a record streak of 12 consecutive days (June 27 – July 8) in which the minimum temperature was  $\geq 70^\circ\text{F}$ . The following daily temperature records were established in July 2015:

<u>Date</u>	<u>Category</u>	<u>New Record</u>	<u>Old Record</u>	<u>Year</u>
3	High Maximum	108	105	1991+
4	High Minimum	75	75	2006+ (tie)
5	High Minimum	77	76	1975
7	High Minimum	74	73	1968
8	High Minimum	75	74	1985

+ denotes most recent of multiple occurrence

Precipitation for July 2015 totaled 0.05 inches, 22% of normal (0.23 inch). The wettest July (1993) received 1.76 inches, while the driest (2003) received no precipitation. Total precipitation for 2015 (through July) is 3.50 inches, 87% of normal (4.01 inches).

The average wind speed for July 2015 was 9.3 miles per hour (mph), which was 0.7 mph above normal (8.6 mph). The windiest July (1983) averaged 10.7 mph, while the July with the lightest winds (1955) averaged 6.8 mph. The peak gust for July 2015 was 43 mph on July 18. The record wind gust for July was 69 mph in 1979.

The monthly climatological data summaries, as well as other information, are available on the Internet. Address: <http://www.hanford.gov/hms>

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**Note:** The data in this summary pertain specifically to the Hanford Meteorology Station (HMS), which is located approximately 25 miles northwest of Richland, WA. No attempt should be made to infer meteorological conditions at other locations from these data.